

NRO REVIEW COMPLETED

timely processing and production. In addition, the increase in the utility and need for the information for crisis management, indications and warnings, and military combat capability, have fostered pressing technical needs for improved processing and fast distribution.

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IR&DC

The Intelligence Research and Development Council will continue to provide advice to the DCI and the NFIB on R&D matters. The Council will promote technology coupling, assess R&D programs, seek to eliminate duplication and unnecessary efforts, and identify areas on which the Intelligence Community should place special emphasis. And, where feasible, the Council will promote technical commonality between national and tactical intelligence system R&D programs.

The tentative program of Council activities for calendar year 1978 will include follow-ups in the areas of nuclear tests, materials, and weapons detection technology; the COMPASS PREVIEW/INDEX optical viewing element testing, electro-optics technology, analytical methodologies, HF satellites, national/tactical interface efforts, image processing R&D and HUMINT R&D planning. Also, the Council will initiate studies/reviews of telemetry signals collection and processing systems architecture, bi-static radar technology applications, [redacted] ground-based I&W systems, [redacted] joint interoperability of tactical command, control and communications, and the inter-operability aspect of Community ADP architecture.

The DCI will use IR&DC Council studies and recommendations as an input for decisions on the FY 1980-1984 NFIP R&D proposals.

E. SPECIAL STUDIES

It is recognized that certain intelligence functions will have to be examined from the Intelligence Community viewpoint during the development of the NFIP for FY 1980-1984. Studies and evaluations will be necessary to assess performance and provide an analytical basis for programmatic and resource decisions during the FY 1980 budget cycle. The Resource Management Staff will conduct or monitor the studies shown in the list below during the coming year. The Office of Performance Evaluation and Improvement (OPEI) of the Resource Management Staff will have overall responsibility for the study program. The scope and content of this study program are designed to provide the needed analytical basis for the DCI to make resource decisions and the necessary information for the DCI to be responsive to anticipated Congressional inquiries. The study program is not meant to be exhaustive and other analyses may be undertaken as necessary. Where appropriate, studies will be undertaken

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with full Community participation including representation from the Defense intelligence-related programs when required. Program managers are asked to fully support these study efforts and to provide timely access to whatever data may be required. The completed studies will be made available to all NFIB principals.

<u>Subject</u>	<u>Study Objectives and Office of Primary Responsibility</u>	<u>Completion Date</u>
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Collection

SIGINT Mix

To evaluate the effectiveness of various SIGINT mix options in accomplishing intelligence missions.

June 1978

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* *Rec'd*

OP&IA

Near-Real-Time

Intelligence Support to Operational Forces

To review past and current studies and operational exercises addressing near-real-time intelligence support to operating forces in order to systematically array and evaluate the available data bearing on the cost and effectiveness of alternative systems and approaches. The effort will be focused on strategic planning and the NATO/Warsaw Pact scenario. (OPEI)

July 1978

* *See. wk*
Handbook
1/27/78
Rec'd

Imagery Mix

To evaluate the future program relationships between airborne and satellite imagery systems. (Deputy for C/T, Imagery Division)

June 1978

* *See. wk*

Interaction of Imaging Systems

To evaluate and amplify the statements of requirements for collection processing and exploitation

September 1978

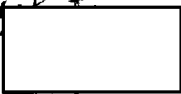
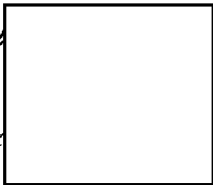
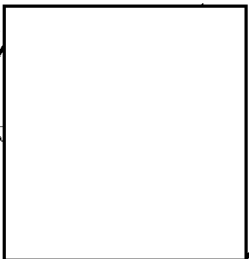

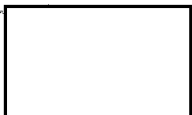
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	<u>Subject</u>	<u>Study Objectives and Office of Primary Responsibility</u>	<u>Completion Date</u>
	✓ Cross-Program Analysis <i>* Residuals</i>	To analyze and integrate the contribution of SIGINT, Imagery, HUMINT, and other systems to the overall accomplishment of intelligence missions (I&W, crisis management, political monitoring, military order of battle, S&T, economic, operational support, etc.). (OPEI)	September 1978
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	✓ Nuclear Test Ban and Proliferation Monitoring	To evaluate the Atomic Energy Detection System program with respect to present and prospective capabilities to verify a comprehensive ban on nuclear testing (study initiated in December 1977); as a follow-on effort, to assess program cost and effectiveness including nuclear-related R&D, data base development, nuclear proliferation production management, and the resource implications of the collection strategies developed on countries which are candidate proliferators. (OPEI)	First Report, January 1978; Final Report, March 1978
25X1A	<i>* ad hoc working group</i> 		
	✓ SALT Monitoring	To assess current capabilities for monitoring/verification of Soviet strategic weapons systems developments; potential gaps or limitations in our current capabilities to monitor/verify a new treaty; likely new or expanded capabilities, and the cost implications, that would be required under the terms of a new treaty. (OPEI)	Interim Report, February 1978; Final Report, October 1978
25X1A	<i>* ad hoc working group</i> 		
	✓ Vulnerability and Survivability	To assess survivability programs for current and future NFIP systems and determine needs for emergency reaction reconnaissance systems and communications survivability measures. (OPEI)	October 1978
25X1A	<i>* ad hoc working group</i> 		
	<u>Foreign Counter-Intelligence</u>		
	✓ Foreign CI Activities	To evaluate alternatives for foreign counterintelligence programs of the NFIP by developing target-oriented functional	May 1978
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Top Secret

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Subject	Study Objectives and Office of Primary Responsibility	Completion Date
<p>25X1A</p> <p>✓ National Net CI Assessment</p> <p>* []</p> <p>Processing and Support</p>	<p>and geographic resource matrices together with supporting narrative on objectives, problems, etc. (OPEI)</p> <p>To evaluate and assess the efforts of hostile intelligence services directed against the U.S. and the effectiveness of U.S. countermeasures. (OPEI)</p>	<p>August 1978</p>
<p>25X1A</p> <p>✓ ADP Activities</p> <p><i>Push OPEI ref</i></p>	<p>To update the descriptive inventory of data bases and information-handling assets used by the Intelligence Community and identify users, uses, and intelligence missions supported; and, based on this data, provide recommendations concerning central planning, management, standardization and internetting for a Community information-handling system. (IHC)</p>	<p>July 1978</p>
<p>25X1A</p> <p>* [] Intelligence Support to the Acquisition Process</p> <p><i>sample []</i></p>	<p>To identify problem areas and assist in the implementation of an intelligence support system to the materiel acquisition process. (Study initiated in October 1977.) (OPEI)</p>	<p>September 1978</p>
<p>25X1A</p> <p>* [] Intelligence Training Activities</p>	<p>To survey and evaluate the management and use of intelligence training activities in order to improve effectiveness and determine future needs. (OPEI)</p>	<p>July 1978</p>
<p>25X1A</p> <p>* [] Linguist Problems</p>	<p>To develop and introduce improved methods of defining and projecting Community needs for linguists, programs for improved proficiency and skill maintenance of linguists, and incentive programs to channel and retain manpower in critical linguistic functions. (OPEI)</p>	<p>December 1978</p>
<p>25X1A</p> <p>[] Major Data Base Study</p>	<p>To examine selected major intelligence data bases to determine sources and costs of information and the utility and value of data to users. (OPEI)</p>	<p>December 1978</p>

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	<u>Subject</u>	<u>Study Objectives and Office of Primary Responsibility</u>	<u>Completion Date</u>
25X1A	Quality of Analysis [redacted]	To develop a five-year program to improve the quality of the intelligence product. Focus will be on upgrading Community analytic manpower, enhancing the analyst-machine interface, increasing product quality and utility, and improving program analysis and management. (OPEI)	October 1978
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25X1A	Strategic Missile Analysis [redacted]	To evaluate the contribution of intelligence to the net assessment of the performance of Soviet strategic missiles. (Study initiated in December 1977.) (OPEI)	February 1978
25X1A	Current Intelligence [redacted]	To assess the utility of the current intelligence product. (Study initiated in December 1977.) (OPEI)	April 1978

F. Automatic Data Processing

Program Managers should ensure that ADP resource requests which exceed ten percent real growth in FY 1980 and subsequent program years are identified, explained, and justified separately from the total of such requests that fall within this growth guidance. The Program Manager should not assume that ADP resources contained within the ten percent growth guideline will be automatically approved.

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PI Study [redacted]

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Intelligence Product Subox [redacted]

Manpower & Support analysis ([redacted])

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